



PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Lalit K. Mestha et al.

Application No.: 10/758,096

Filed: January 16, 2004

Docket No.: 116588

For: REFERENCE DATABASE AND METHOD FOR DETERMINING SPECTRA USING MEASUREMENTS FROM AN LED COLOR SENSOR, AND METHOD OF GENERATING A REFERENCE DATABASE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. An English-language Abstract of the non-English language reference is attached hereto.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See Reference JP A 10-304216.

Respectfully submitted,



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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116588		APPLICATION NO. 10/758,096	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Lalit K. MESTHA et al.			
				FILING DATE January 16, 2004			
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		U.S. Patent Application Publication No. 20030055611 A1	03-20-03	Mestha et al.			
		U.S. Patent Application Publication No. 2003-0055575 A1	03-20-03	Viassolo et al.			
		U.S. Patent Application Publication No. 2003-0050768 A1	03-13-03	Mestha et al.			
		6,721,692 B2	04/13/04	Mestha et al.			
		6,584,435 B2	06/24/03	Mestha et al.			
		6,587,793 B2	07/01/03	Viassolo et al.			
		6,556,932 B1	04/29/03	Mestha et al.			
		6,449,045 B1	09/10/02	Mestha			
		6,556,300 B2	04/29/03	Tandon et al.			
		6,567,170 B2	05/20/03	Tandon et al.			
		6,633,382 B2	10/14/03	Hubble, III et al.			
		6,621,576 B2	09/16/03	Tandon et al.			
		6,603,551 B2	08/05/03	Mestha et al.			
		3,910,701 A	10/1975	Henderson et al.			
		4,648,051 A	03/1987	Wandell et al.			
		4,830,020 A	05/1989	Ruth			
		4,992,963 A	02/1991	Funt et al.			
		5,082,529 A	01/1992	Burk			
		5,107,332 A	04/1992	Chan			
		5,137,364 A	08/1992	McCarthy			
		5,377,000 A	12/1994	Berends			
		5,537,516 A	07/1996	Sherman et al.			
		5,671,059 A	09/1997	Vincent			
		5,723,517 A	03/1998	Campo et al.			
		5,844,680 A	12/1998	Sperling			

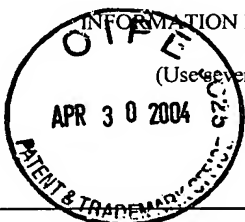
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,963,244 A	10/1999	Mestha et al.			
		6,020,583 A	02/2000	Walowit et al.			
		6,147,761 A	11/2000	Walowit et al.			
		6,178,007 B1	01/2001	Harrington			
		6,263,291 B1	07/2001	Shakespeare et al.			
		6,304,294 B1	10/2001	Tao et al.			
		6,449,045 B1	09/2002	Mestha			
		6,556,932 B1	04/2003	Mestha et al.			
		6,584,435 B2	06/2003	Mestha et al.			
		6,587,793 B2	07/2003	Viassolo et al.			
		2002/20012398 A1	01/2002	Zhou et al.			
		4,752,827 A	06/1988	Cassagne et al.			
		6,118,903 A	09/2000	Liu			
		6,157,469 A	12/2000	Mestha			
		6,373,568 B1	04/2002	Miller et al.			
		6,480,299 B1	11/2002	Drakopoulos et al.			
		5,420,682 A	05/1995	Haggerty et al.			
		5,612,902 A	03/1997	Stokes			
		5,991,023 A	11/1999	Morawski et al.			
		6,062,137 A	05/2000	Guo et al.			
		6,467,867 B1	10/2002	Worthington et al.			
		5,668,596 A	09/1997	Vogel			
		5,767,980 A	06/1998	Wang et a.			
		5,805,314 A	09/1998	Abe et al.			
		6,272,440 B1	09/2001	Shakespeare et al.			
		4,003,660 A	01/1997	Christie, Jr.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		4,553,033 A	11/1985	Hubble, III et al.			
		4,989,985 A	02/1991	Hubble, III et al.			
		5,078,497 A	01/1992	Borton et al.			
		5,272,518 A	12/1993	Vincent			
		5,526,190 A	06/1996	Hubble, III et al.			
		5,748,221 A	05/1998	Castelli et al.			
		5,838,451 A	11/1998	McCarthy			
		5,963,333 A	10/1999	Walowit et al.			
		6,147,761 A	11/2000	Walowit et al.			
		6,157,454 A	12/2000	Wagner et al.			
		5,384,918 A	01/1995	Hubble, III et al.			
		5,408,535 A	04/1995	Howard, III et al.			
		5,526,190 A	06/1996	Hubble, III et al.			
		6,198,536 B1	03/2001	Baker			
		6,351,308 B1	02/2002	Mestha			
		5,543,838 A	08/1996	Hosier et al.			
		5,550,653 A	08/1996	TeWinkle et al.			
		5,604,362 A	02/1997	Jedicka et al.			
		5,808,297 A	09/1998	Jedicka et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP A 10-304216 (w/Abstract and English trans)	11/13/98	Japan			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Lee, B-K and Shen, F-C.: <i>Spectral estimation and color appearance prediction of fluorescent materials</i> , <u>Optical Engineering</u> Vol. 40 No. 10, October 2001.					
		Chang, G-W and Chen, Y-C.: <i>Spectral estimation of color CCD cameras</i> , SPI Conference for Input/Output and Imaging Technology, Taipei, Taiwan, July 1998. SPIC Vol. 3422					
		Lin, T-N, and Shu, J.: <i>A Color Consistency Algorithm Between Different Printers</i> , Proceeding of Conference of the Society for Imaging Science and Technology. May 17-20, pp. 409-411..					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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